Product name:	Product code:
Mobile Communication Trainer	EEN0029



Description

Mobile Communication Trainer

Technical specification

- UHF Transmitter and Receiver :
- 4 selectable channels by PLL circuit
- RF channel frequency : 2400 to 2481 MHz
- In/Out Impedance : 50?
- Transmitter Output RF Power : ?10 dBm
- Channel noise simulator
- Channel Attenuation simulator
- 2 stylus Antennas
- Compact and strong metal box including :
- lift able cover with block diagram
- Electronic components and power supply
- Fault simulator : protected with key locked cover and including 10 faults insertable by switches
- Cable and Microphon

Mobile Communication Trainer

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- Display : 16 character x 2 lines
- keyboard : 4 lines x 4 columns
- DTMF (Dual Tone Multi Frequency) Telephone Signaling Band Interface
- DSP IC :
- it generates DTMF signal
- it uses the keyboard for data input
- it shows the number selected on the display
- PIC IC manages : Display, Keyboard and Calls
- Built in loudspeaker with adjustable power amplifier
- Selections : Dialing, incoming Call answer and Radio channel
- Channel coding :
- PCM (Pulse Code Modulation)
- 8 KHz sampling frequency
- baud rate of 64 kb/s
- TDMA Frame : 4 user time slots, 1 synchronism time slot, Time slot display
- Smoothing Filter